

Designing Craters: Creating a Deep Impact

Peer Review

STUDENT HANDOUT

DIRECTIONS

As you listen to the other group describe their experiment, check off each characteristic of a good experiment that you think they have covered in their experimental design. When they have finished their presentation, give them any suggestions you have verbally, and make a quick note of your suggestions on this page as well.

You have clearly stated which factor you are testing.	
In your experiment, you change only the factor that you are testing. All other factors remain constant.	
You have a plan for measuring the factor you are testing.	
You have a plan for measuring and recording the diameter and depth of the crater and for describing and recording the shape of the crater.	
You have a plan for measuring and recording the factors that should remain constant, so that you or someone else could recreate the same conditions.	
You have a data chart design for recording data and measurements about the tested factor, the resulting effects, as well as the constant factors.	
Your experiment is safe to conduct within the classroom.	
Suggestions for improving experiment:	